



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Beaver River Resource Area
365 South Main Street
Cedar City, Utah 84720
(801) 586-2458

DOGM
MINERALS PROGRAM
FILE COPY



3809
UT-046

December 16, 1991

Mr. Gary Gamble
Hecla Mining Company
6500 Mineral Drive
Box C-8000
Coeur D'Alene, ID 83814-1931

RECEIVED

DEC 19 1991

DIVISION OF
OIL GAS & MINING

Dear Mr. Gamble:

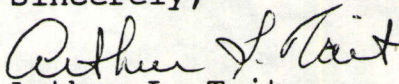
We have completed the environmental assessment report for the proposed removal of clayey and subsoil materials from public lands adjacent to your Escalante Mine. The proposal was submitted by your office as an amendment to the existing reclamation plan on October 16, 1991.

The plan is considered approved if the following stipulations are implemented:

1. Drill and broadcast (depending on species) the attached seed mixture. Seeding should occur in the fall immediately following the reclamation to decrease the encroachment of introduced annual weed species into the area.
2. Construct fences around the reclaimed areas to prevent damage to the seedings from wild horses and livestock grazing. The fences should be removed after it has been determined that the areas are stable enough for grazing resumption. The fences should be maintained by Hecla until this time.
3. Fences installed to protect the seeded areas from livestock should consist of 4 wires and should not exceed 40" in height. The top three wires should be barbed and the bottom wire should be smooth. Wire spacing from the ground to the top should be 16", 6", 6", and 12".
4. At least 8" to 10" of topsoil/subsoil should be left covering the white high pH soil material, which underlies the subsoil, to ensure vegetative recovery.
5. Base soil materials should be ripped before replacing the topsoil.

Any changes in these stipulations must be approved by the authorized officer before implementation. Please contact Gina Pack at this office if you have any questions concerning the amendment or stipulations.

Sincerely,


Arthur L. Tait
Area Manager

Enclosure
Revegetation Seed Mixture

xc: Wayne Hedberg, DOGM

TABLE 1

Revegetation Seed Mixture

<u>Species</u>	<u>lb/acre PLS</u>	<u>Method</u>
Bottlebrush Squirreltail	2.0	Drill
Needle-and-thread	2.0	Drill
Crested Wheatgrass (Ephraim & Hycrest)	1.5	Drill
Pubescent Wheatgrass (Luna)	2.0	Drill
Yellow Sweetclover	1.0	Broad
Alfalfa (Ladak, Nomad, Spreader II)	1.0	Broad
Common Globemallow	0.5	Drill
Small Burnet	1.0	Drill
Wyoming Big Sagebrush	0.5	Drill
Black Sagebrush	0.5	Drill
Fourwing Saltbush	1.0	Drill
Forage Kochia	0.5	Broad
Curlygrass (Galleta)	3.0	Drill
Palmer Penstemon	1.0	Broad

It is recommended that the broadcast is done before drilling. This will provide minimal soil cover to the broadcast seed. Any changes in the seed mixture must be preapproved by the authorized officer.